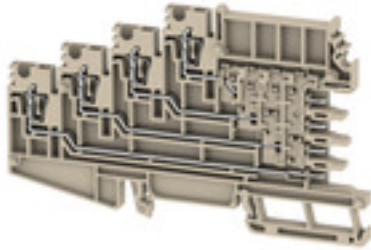


ZRV 2.5/1**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Product image**

Some applications demand for a pluggable, modular solution to be more flexible or to facilitate the installation. Where complete functional units have to be prefabricated or replaced, modular and flexible connection systems are required. Our pluggable terminal blocks can be quickly assembled and are completely factory tested.

General ordering data

| | |
|------------|---|
| Version | Z-series, Feed-through terminal, Multi-tier modular terminal, Rated cross-section: 2.5 mm ² , Tension-clamp connection |
| Order No. | 1906960000 |
| Type | ZRV 2.5/1 |
| GTIN (EAN) | 4032248530717 |
| Qty. | 50 pc(s). |

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Technical data**Dimensions and weights**

| | | | |
|--------------------------|------------|----------------|------------|
| Depth | 69.5 mm | Depth (inches) | 2.736 inch |
| Depth including DIN rail | 70 mm | Height | 115 mm |
| Height (inches) | 4.528 inch | Width | 5.2 mm |
| Width (inches) | 0.205 inch | Net weight | 25.98 g |

Temperatures

| | | | |
|----------------------------------|----------------|----------------------------------|--------|
| Storage temperature | -25 °C...55 °C | Continuous operating temp., min. | -50 °C |
| Continuous operating temp., max. | 120 °C | | |

Material data

| | | | |
|---------------------------|-------|--------|------------|
| Material | Wemid | Colour | dark beige |
| UL 94 flammability rating | V-0 | | |

System specifications

| | | | |
|-------------------------------------|---|------------------|----|
| Version | 4 tension-clamp connections - 4 plug-in connections, for plug-in cross-connector, One end without connector | Number of levels | 4 |
| Number of clamping points per level | 2 | PE connection | No |
| Rail | TS 35 | | |

Additional technical data

| | | | |
|--------------------------|----|------------------|---------|
| Explosion-tested version | No | Type of mounting | Snap-on |
|--------------------------|----|------------------|---------|

Conductors for clamping (additional connection)

Connection type, additional connection Tension-clamp connection

Conductors for clamping (rated connection)

| | |
|-----------------------|---------------------|
| Blade size | 0.6 x 3.5 mm |
| Clamping range, max. | 4 mm ² |
| Clamping range, min. | 0.5 mm ² |
| Connection direction | top |
| Number of connections | 8 |
| Stripping length | 10 mm |

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Technical data

| | | | |
|---|--|---------|----------------------|
| Tube length for wire-end ferrule with plastic collar DIN 46228/4 | Cross-section for conductor connection | nominal | 0.5 mm ² |
| | Tube length | max. | 10 mm |
| | | min. | 6 mm |
| | Cross-section for conductor connection | nominal | 0.75 mm ² |
| | Tube length | max. | 12 mm |
| | | min. | 6 mm |
| | Cross-section for conductor connection | nominal | 1 mm ² |
| | Tube length | max. | 12 mm |
| | | min. | 6 mm |
| | Cross-section for conductor connection | nominal | 1.5 mm ² |
| | Tube length | max. | 12 mm |
| | | min. | 8 mm |
| Tube length for wire-end ferrule without plastic collar DIN 46228/1 | Tube length | nominal | 10 mm |
| | Cross-section for conductor connection | nominal | 0.5 mm ² |
| | Tube length | nominal | 10 mm |
| | Cross-section for conductor connection | nominal | 0.75 mm ² |
| | Tube length | nominal | 10 mm |
| | Cross-section for conductor connection | nominal | 1 mm ² |
| | Tube length | max. | 12 mm |
| | | min. | 10 mm |
| | Cross-section for conductor connection | nominal | 1.5 mm ² |
| | Tube length | max. | 12 mm |
| | | min. | 10 mm |
| | Cross-section for conductor connection | nominal | 2.5 mm ² |
| Type of connection | Tension-clamp connection | | |
| Type of connection 2 | Tension-clamp connection | | |
| Wire connection cross section, finely stranded, max. | 2.5 mm ² | | |
| Wire connection cross section, finely stranded, min. | 0.5 mm ² | | |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max. | 2.5 mm ² | | |
| Wire connection cross-section, solid core, max. | 4 mm ² | | |
| Wire connection cross-section, solid core, min. | 0.5 mm ² | | |

Dimensions

TS 35 offset 59 mm

General

| | | | |
|------|-------|-----------|---|
| Rail | TS 35 | Standards | IEC 61984, In accordance with IEC 60947-7-1 |
|------|-------|-----------|---|

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Technical data**Rating data**

| | | | |
|---------------------------------|---|--|---------|
| Rated cross-section | 2.5 mm ² | Rated voltage | 250 V |
| Rated DC voltage | 250 V | Rated current | 10 A |
| Standards | IEC 61984, In accordance with IEC 60947-7-1 | Volume resistance according to IEC 60947-7-x | 1.33 mΩ |
| Rated impulse withstand voltage | 4 kV | Power loss in accordance with IEC 60947-7-x | 0.77 W |
| Pollution severity | 3 | | |

UL rating data

| | | | |
|--|--------|--|--------|
| Certificate No. (cURus) | E60693 | Conductor size Factory wiring max. (cURus) | 14 AWG |
| Conductor size Factory wiring min. (cURus) | 24 AWG | Conductor size Field wiring max. (cURus) | 14 AWG |
| Conductor size Field wiring min. (cURus) | 24 AWG | Current size B (cURus) | 10 A |
| Current size C (cURus) | 10 A | Voltage size B (cURus) | 300 V |
| Voltage size C (cURus) | 300 V | Wire cross section max. (cURus) | 14 AWG |
| Wire cross section min. (cURus) | 24 AWG | | |

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 6.0 | EC000897 | ETIM 7.0 | EC000897 |
| ETIM 8.0 | EC000897 | ETIM 9.0 | EC000897 |
| ECLASS 9.0 | 27-14-11-20 | ECLASS 9.1 | 27-14-11-20 |
| ECLASS 10.0 | 27-14-11-20 | ECLASS 11.0 | 27-14-11-20 |
| ECLASS 12.0 | 27-14-11-20 | ECLASS 13.0 | 27-25-01-02 |

Approvals

Approvals



| | |
|-------------------------|------------|
| ROHS | Conform |
| UL File Number Search | UL Website |
| Certificate No. (cURus) | E60693 |

Downloads

| | |
|---|---|
| Approval/Certificate/Document of Conformity | Declaration of Conformity UKCA declaration of conformity Confirmation of Standards EN 45545-2_2020-10 |
| Engineering Data | CAD data – STEP |
| User Documentation | StorageConditionsTerminalBlocks |
| Catalogues | Catalogues in PDF-format |
| Brochures | |

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Drawings

